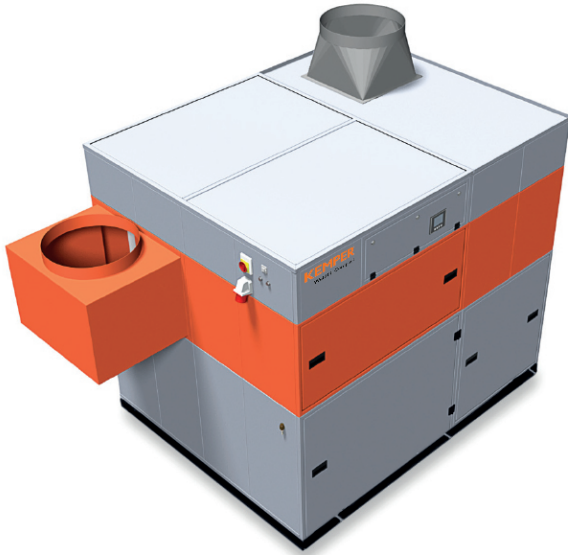


WeldFil Compact - Art. No.: 34 85

- » Extraction capacity up to 8640 m³/h
- » Plug and play installation



Technical Data

Art. No.	34 85
Filter	
Filter stages	1
Filter method	Cleanable filter
Filter cleaning method	Rotating nozzle
Filter surface	10 m ²
Number filter elements	12
Filter surface total	120 m ²
Type of filter	Filter cartridge
Filter material	ePTFE membrane
Filter efficiency	> 99.99 %
Dust classification	M
Basic data	
	6000 m ³ /h
Extraction capacity (max.)	8640 m ³ /h
Extraction capacity	6000 - 8640 m ³ /h
Air flow rate (max.)	12000 m ³ /h
	2500 Pa
Working pressure in PA	2050 Pa
Vacuum	2500-2050 Pa
Dimensions (w x d x h)	2378 x 1864 x 2110 mm
Weight	1220 kg
Motor power	7.5 kW
Power supply	3 x 400 V / 50 Hz
Rated current	13.8 A
Noise level	65 dB(A)
Additional information	
IFA-Certification	W3-Approved
Fan type	Radial fan, belt driven
Compressed air supply	5 - 6 bar
Air outlet	560 mm
Air intake	560 mm
Capacity Dust collection container	192 l

Applications

- » High levels of smoke and dust
- » Welding and grinding shops
- » Training centres and robotic welding lines
- » Laser, plasma and flame cutting systems
- » Can be installed outdoors

Benefits

- » Contamination-free dust collection due to compressed air fixation of dust collection containers
- » Uninterrupted continuous operation due to automatic differential pressure-controlled filter cleaning
- » Little noise emission due to a particularly low noise level
- » Quick and simple set up, delivered ready to plug in with forklift pockets and lifting eyes
- » Considerable energy cost savings by using the automatic extraction volume control
- » Convenient operation due to intelligent control via touch screen with diagnostic system
- » Flexible integration of the control system into third-party systems such as cutting equipment due to potential-free contacts
- » Best health protection for employees by use of KemTex® ePTFE cartridges with surface filtration

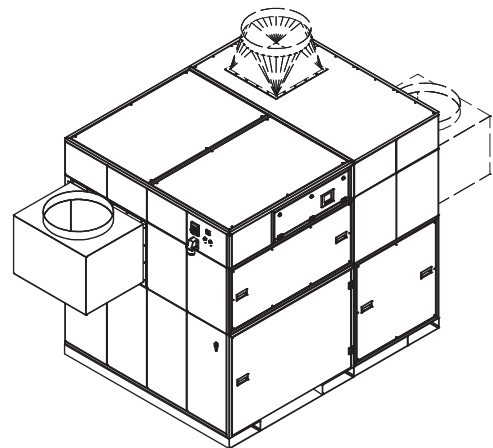
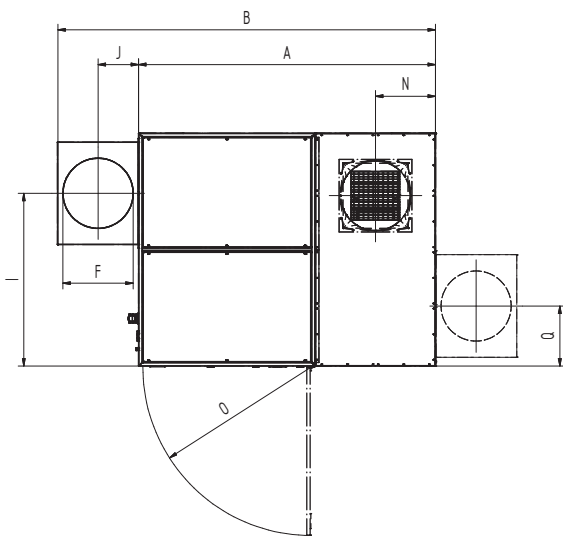
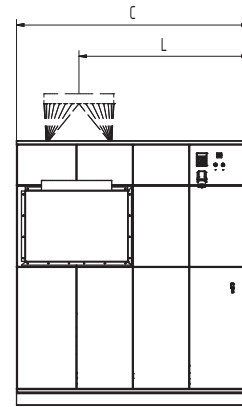
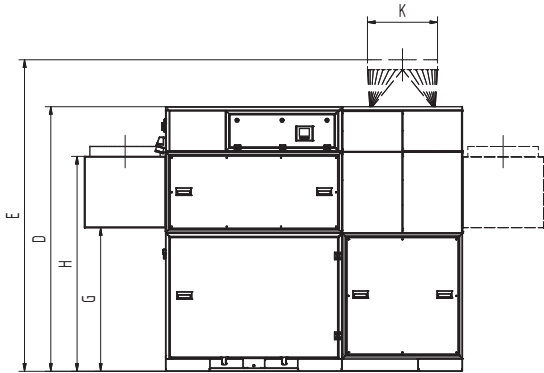
Properties

- » Automatic filter cleaning, pressure-controlled
- » Control via touch screen
- » W3/IFA certified
- » KemTex® ePTFE filter cartridges
- » Dust collection container with pneumatic lifting device
- » Preassembled and ready to plug in
- » Automatic extraction volume control (optional)
- » Forklift bags

Accessories

- » Automatic dust disposal - DustEvac
- » Automatic extraction volume control
- » External On/Off
- » Fleet management, remote maintenance and pre-noise maintenance using autarkic networking via mobile radio to the KEMPER cloud
- » Spark separator – SparkTrap
- » Weatherproof housing for outdoor installation





The shown transition pieces are optional

Dimensions	
A	2378 mm
B	3028 mm
C	1864 mm
D	2110 mm
E	2510 mm
F	560 mm
G	1146 mm
H	1716 mm
I	1382 mm
J	325 mm
K	560 mm
L	1364 mm
N	481 mm
O	1347 mm

Pressure-volume graph

- Fan curve
- Usable pressure increase
- ▨ Recommended Use

